

ABSTRACT

The present invention discloses a communication terminal apparatus, by which it is possible to perform communication while comprehensively controlling a plurality of different communication means. For instance, in a communication terminal apparatus 100 hierarchically classified to a plurality of layers depending on different processing functions such as OSI reference model, it is designed in such manner that a processing unit 303 belonging to a predetermined layer can selectively utilize a plurality of processing units 301 belonging to lower layer through control of an operation control unit 304 belonging to a predetermined layer. For instance, by referring to which processing is available among a plurality of processing units belonging to lower layer, which processing unit has better transmission efficiency in communication, or which processing unit can be used to perform communication with a desired communication partner, data distribution control means 309 controls data distributing means 307, and the data distributing means divides transmission data supplied from upper layer and distributes the data to a plurality of processing units belonging to the lower layer.